

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 2

Application No.	10/638,173
Filing Date	August 6, 2003
First Named Inventor	Robert Kain
Art Unit	1634
Examiner	Forman, Betty J.
Attorney Docket No.	ILLINC.026C1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
/BF/	1	4,971,903	11-20-1990	Hyman	
↓	2	5,534,424	07-09-1996	Uhlen et al.	
	3	5,830,663	11-03-1998	Embleton et al.	
	4	6,210,981 B1	04-03-2001	Nyren et al.	
	5	6,258,568 B1	07-10-2001	Nyren	
	6	6,274,320 B1	08-14-2001	Rothberg et al.	
	7	6,489,103 B1	12-03-2002	Griffiths et al.	
	8	6,828,100 B1	12-07-2004	Ronaghi	
	9	2003/0157499 A1	08-21-2003	Lundeberg et al.	
	10	2003/0162217 A1	08-28-2003	Rothberg et al.	
↓	11	2005/0064460 A1	03-24-2005	Holliger et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
/BF/	12	WO 91/06678	05-16-1991	SRI International		
↓	13	WO 93/21340	10-28-1993	Medical Research Council		
	14	WO 93/23564	11-25-1993	Cemubioteknik AB		
↓	15	WO 98/13523	04-02-1998	Pyrosequencing AB		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
/BF/	16	Ahmadian et al., "Analysis of the p53 Tumor Suppressor Gene by Pyrosequencing," <i>BioTechniques</i> , 28(1): 140-4, 146-7, Jan 2000.	
↓	17	Barshop et al., "Luminescent Immobilized Enzyme Test Systems for Inorganic Pyrophosphate: Assays Using Firefly Luciferase and Nicotinamide-Mononucleotide Adenylyl Transferase or Adenosine-5'-Triphosphate Sulfurylase," <i>Anal. Biochem.</i> , 197(1): 266-272, 1991.	
	18	Cook et al., "A Rapid, Enzymatic Assay for the Measurement of Inorganic Pyrophosphate in Animal Tissues," <i>Anal. Biochem.</i> , 91: 557-565, 1978.	
↓	19	Drake et al., "A New, Convenient Method for the Rapid Analysis of Inorganic Pyrophosphate," <i>Anal. Biochem.</i> , 94: 117-120, 1979.	

Examiner Signature /Betty Forman/

Date Considered 05/21/2008

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T¹ - Place a check mark in this area when an English language Translation is attached.

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/BF/	20	Guillory et al., "Measurement of Simultaneous Synthesis of Inorganic Pyrophosphate and Adenosine Triphosphate," <i>Anal. Biochem.</i> , 39: 170-180, 1971.	
	21	Johnson et al., "An Enzyme Method for Determination of Inorganic Pyrophosphate and Its Use as an Assay for RNA Polymerase," <i>Anal. Biochem.</i> , 26: 137-145, 1968.	
	22	Jones, "An Iterative and Regenerative Method for DNA Sequencing," <i>BioTechniques</i> , 22: 938-946, May 1997.	
	23	Justesen et al., "Spectrophotometric Pyrophosphate Assay of 2',5'-Oligoadenylate Synthetase," <i>Anal. Biochem.</i> , 207(1): 90-93, 1992.	
	24	Karamohamed et al., "Real-Time Detection and Quantification of Adenosine Triphosphate Sulfurylase Activity by a Bioluminometric Approach," <i>Anal. Biochem.</i> , 271: 81-85, 1999.	
	25	Lust et al., "A Rapid, Enzymatic Assay for Measurement of Inorganic Pyrophosphate in Biological Samples," <i>Clin. Chimica Acta</i> , 66(2): 241-249, 1976.	
	26	Metzker et al., "Termination of DNA synthesis by novel 3'-modified deoxyribonucleoside 5'-triphosphates," <i>Nucl. Acids Res.</i> , 22(20): 4259-4267, 1994.	
	27	Nyren et al., "Detection of Single-Base Changes Using a Bioluminometric Primer Extension Assay," <i>Anal. Biochem.</i> , 244(2): 367-373, Jan 1997.	
	28	Nyren, "Apyrase Immobilized on Paramagnetic Beads Used to Improve Detection Limits in Bioluminometric ATP Monitoring," <i>J Biolumin Chemilumin</i> , 9(1): 29-34, Jan-Feb 1994.	
	29	Nyren et al., "Solid Phase DNA Minisequencing by an Enzymatic Luminometric Inorganic Pyrophosphate Detection Assay," <i>Anal. Biochem.</i> , 208(1): 171-175, Jan 1993.	
	30	Nyren et al., "Enzymatic Method for Continuous Monitoring of Inorganic Pyrophosphate Synthesis," <i>Anal. Biochem.</i> , 151: 504-509, 1985.	
	31	Reeves et al., "Enzymatic Assay Method for Inorganic Pyrophosphate," <i>Anal. Biochem.</i> , 28: 282-287, 1969.	
	32	Ronaghi et al., "Analyses of Secondary Structures in DNA by Pyrosequencing," <i>Anal. Biochem.</i> , 267(1): 65-71, Feb 1999.	
	33	Ronaghi et al., "A Sequencing Method Based on Real-Time Pyrophosphate," <i>Science</i> , 281(5375): 363, 365, Jul 1998.	
✓	34	Ronaghi et al., "Real-Time DNA Sequencing Using Detection of Pyrophosphate Release," <i>Anal. Biochem.</i> , 242(1) 84-89, Nov 1996.	

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